Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

2867-261 Attorney Docket No. First Inventor Hietala et al. RECEIVER ARCHITECTURE ELIMINATING STATIC AND DYNAMIC DC OFFSET ERRORS Express Mail Label No. EV086421135US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

APPLICATION ELEMENTS See MPEP charter 600 concerning utility patent application contents				Mail Stop Patent Application ADDRESS TO: Commissioner for Patents PO Box 1450						
See MPEP chapter 800 concerning utility patent application contents. 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification (Total Pages 18) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure					Alexandria, VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable)					
4. Drawing(s) (35 U.S.C.113) [Total Sheets 6] 5. Oath or Declaration [Total Pages 2]] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (in Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the accompanying the page of th					CIP) of prior application No:// Group / Art Unit:/ the prior application, from which an oath or declaration is supplied to or divisional application and is hereby incorporated by reference.					
The incorpo	oration <u>can only</u> be relied upon		RRESPON			Subilitied a	ррпсацоп рать.			
				20	or Correspondence address below					
Name										
Address										
City			State		Zij	Code				
Country		Telepho	one			Fax				
Name (Print/Type) Benjamin S Withrow Re					n No. (Attorney	/Agent)	40,876			
Signature			1		Date	August 20, 2003				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

August 20, 2003

Date

PTO/SB/17 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	Complete if Known									
LEE IKANOMIIIAL	Application Number									
for FY 2003	Filing Date									
	First Named Inventor			Hietala et al.						
Patent fees are subject to annual revision.	Examiner Name		 		·					
	Group / Art Unit									
TOTAL AMOUNT OF PAYMENT (\$) 1132	Attorney Docket No.			2867-261						
TOTAL AMOUNT OF FATMENT ((b) 1132	Altomey bocket No.									
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Entity			Small Entity						
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee D	escription	Fee Paid			
Account 50-1732 Number	1051	130	2051	65	Surcharge - late	filing fee or oath				
Deposit	1052	50	2052	25	Surcharge - late or cover sheet.	provisional filing fee				
Account Withrow & Terranova, PLLC	1053	130	1053	130	Non-English spe	cification				
Name Charge Any Additional Fee Required	1812	2,520		2,520		est for reexamination				
Under 37 CFR 1.16 and 1.17	1804	920°	1804	920*	Requesting publi Examiner action	ication of SIR prior to				
Applicant claims small entity status. See 37 CFR 1.27	1805	1,840	* 1805	1,840*	Requesting publi Examiner action	ication of SIR after				
2. 🔯 Payment Enclosed:	1251	110	2251	55	Extension for rep	oly within first month				
☐ Check ☑ Credit card ☐ Money ☐ Other Order	1252	410	2252	205	Extension for rep month	ply within second				
FEE CALCULATION	1253	930	2253	465	Extension for rep	oly within third month				
1. BASIC FILING FEE	1254	1,450	2254	725	Extension for rep month	oly within fourth				
Large Entity Small Entity	1255	1,970		985	Extension for rep	oly within fifth month				
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1401	320	2401	160	Notice of Appeal					
1001 750 2001 375 Utility filing fee 750	1402	320	2402	160		upport of an appeal				
1002 330 2002 165 Design filing fee	1403	280	2403	140	Request for oral	-				
1003 520 2003 260 Plant filling fee	1451	1,510	1451	1,510	Petition to institution proceeding	ne a public use				
1004 750 2004 375 Reissue filing fee	1452	110	2452	55	Petition to revive					
1005 160 2005 80 Provisional filling fee	1453	1,300		650	Petition to revive					
SUBTOTAL (1) (\$) 750	1501	1,300		650	Utility issue fee (
	1502	470	2502	235 315	Design issue fee	1	 			
2. EXTRA CLAIM FEES Extra Fee from Fee	1503 1460	630 130	2503 1460	130	Plant issue fee Petitions to the C	`nmmicelaner				
Extra Fee from Fee Claims below Paid Total Claims 39 -20** = 19 X 18 = 342	1807	50	1807	50	Processing fee for applications					
Independent 3 -3°° = 0 X 84 = 0	1806	180	1806	180	• •	nformation Disclosure				
Multiple Dependent X = 0	8021	40	8021	40	Recording each per property (time	patent assignment les number of	40			
Large Entity Small Entity	1809	750	2809	375		ion after final rejection				
Fee Fee Fee Fee Fee Fee Description	1810	750	2810	375		nal invention to be				
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1801	750	2801	375		inued Examination				
1204 84 2204 42 **Reissue independent claims over original patent	1802	900	1802	(RCE) 900 Request for expedited examination						
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent					of a design applic	cation				
SUBTOTAL (2) (\$) 342	Other f	Other fee (specify)								
**or number previously paid, if greater, For Reissues, see above	*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40								
SUBMITTED BY	-	-			Com	plete (if applicable)				
Name (Print/Type) Bertjamin S Withrow Registration No. Attorne	Agenti		0,876		Telephone	(919) 654-4520				

WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, USPTO, PO Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.